

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 03201045 A

(43) Date of publication of application: 02 . 09 . 91

(51) Int. Cl. G06F 12/00

(21) Application number: 01338171

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(22) Date of filing: 28 . 12 . 89

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(54) DATA CONTROL SYSTEM

due to the fragmentation of the storage areas.

(57) Abstract:

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PURPOSE: To minimize the waste of a storage area due to the fragmentation of the storage area by moving the data in a block to secure an idle area and writing the new data into this idle area.

CONSTITUTION: A data block 2 is equal to one of fragments obtained by dividing equally a data set 1 of a magnetic disk, and another one of these fragments is used as a block application information storing block 3. Each block 2 stores plural variable length data 4 together with the area application information 5 on the block 2 and the data control information 6, i.e., the position information on the recorded data 4. When data are added to the block 2, the idle areas are put close to each other among the data 4 recorded in the block 2 having the idle areas. Thus the continuous idle areas are secured and the additional data are recorded there. Thus it is possible to minimize the waste of a storage area

